

Form PTO-1449

APR 24 2002

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.  
96794DIV3Serial No.  
09/466,545RECEIVED  
APR 26 2002  
TECHNOLOGY CENTER R3700Applicant  
Darryl L. Gamel, et al.Filing Date  
December 17, 1999Group  
3700

## U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Patentee	Class	Sub-Class	Filing Date
<i>WT</i>	5,913,180	6/1999	Ryan	—	—	
<i>WT</i>	5,848,707	12/1998	Hill	—	—	

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner Initial	Document Number	Public. Date	Country or Patent Office	Class	Sub-Class	Transl Y N

## OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

Examiner <i>L. D. [Signature]</i>	Date Considered <i>7/14/03</i>	

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Patentee	Class	Sub-Class	Filing Date
<i>LUT</i>	6,332,269 B1	12-2001	Gamel et al.	—	—	

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner Initial	Document Number	Public. Date	County or Patent Office	Class	Sub-Class	Transl Y N

## OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

Examiner <i>L. D. S. G.</i>	Date Considered <i>7/14/03</i>	

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## U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Issue Date	Patentee	Class	Sub-Class	Filing Date
<i>WRT</i>	4,675,993	6/1987	Harada	—	—	

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

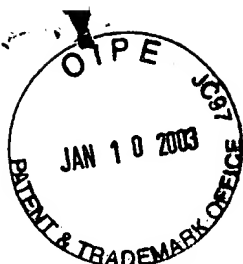
Examiner Initial	Document Number	Public. Date	Country or Patent Office	Class	Sub-Class	Transl Y N

## OTHER DOCUMENTS

(Including Author, Title, Date, Relevant Pages, Place of Publication)

Examiner <i>[Signature]</i>	Date Considered <i>7/14/03</i>		

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	09/466,545		
		Filing Date	12-17-1999		
		First Named Inventor	Darryl L. Gamel		
		Art Unit	3729		
Examiner Name	S. Smith				
Sheet	1	of	1	Attorney Docket Number	96794DIV3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		4,727,645	03-01-1988	Rodin et al	TECHNOLOGY CENTER R3700 JAN 14 2003 RECEIVED
		4,731,923	03-22-1988	Yagi et al	
		4,733,462	03-29-1988	Kawatani	
		4,738,025	04-19-1988	Arnold	
		5,628,110	05-13-1997	Sakaguchi et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	7/14/03
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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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